

PATENT

Atty. Dkt. No. ROC920010110US1

**IN THE CLAIMS:**

Please cancel claims 23-25 without prejudice and amend the claims as follows:

1. (Currently Amended) A physical device placement system for servicing requests for placement information, comprising:

a machine information database containing machine information for a plurality of uniquely identified computers operated by customers of a computer manufacturer; and

a configuration system in communication with the machine information database and configured to:

receive a configuration request from an authorized user for placement information of a specified hardware device in a particular computer having representative machine information in the machine information database, wherein at least one type of authorized user is each of a plurality of customers of a computer manufacturer operating a computer represented in the machine information database;

in response to the configuration request, generating the placement information using the representative machine information; and

respond with the placement information, wherein the placement information comprises hardware installation information pertaining to the installation of the specified hardware device in the particular computer.

2. (Original) The system of claim 1, wherein each of a plurality of customers is registered with an operator of the physical device placement system.

3. (Previously Presented) The system of claim 1, further comprising:  
a network connection between the configuration system and the Internet, wherein the configuration system receives the requests for placement information from the Internet; and

## PATENT

Atty. Dkt. No. ROC920010110US1

a configuration information database accessible by the configuration system and containing configuration information specifying placement of a plurality of hardware devices in computer systems.

4. (Original) The system of claim 1, wherein the configuration system maintains a network connection with the Internet and receives the requests for placement information therefrom.

5. (Original) The system of claim 1, wherein the machine information database contains machine reported information for the plurality of uniquely identified computers.

6. (Original) The system of claim 1, further comprising a purchase order database containing a plurality of purchase orders each containing a machine type descriptor and a serial number.

7. (Original) The system of claim 1, further comprising a configuration information database accessible by the configuration system and containing configuration information specifying placement of a plurality of hardware devices in computer systems.

8. (Previously Presented) The system of claim 7, wherein the configuration system is configured to generate the placement information by combining the configuration information and the machine information applicable to the specified hardware device and the particular computer.

9. (Original) The system of claim 7, wherein the configuration system comprises:

a first server configured for establishing a first network connection with a plurality of client machines each configured to transmit requests for placement information to the first server;

a second server having a second network connection with the first server;

## PATENT

Atty. Dkt. No. ROC920010110US1

an access partition between the first server and the second server and configured to restrict information flow from the first sever to the second server; and  
a physical device placement server in communication with the configuration information database and the machine information database.

10. (Original) The system of claim 9, wherein the access partition comprises a firewall.

11. (Original) The system of claim 1, further comprising a security system configured to restrict access to the configuration system to requests for placement information submitted by authorized users from an external network.

12. (Original) The system of claim 11, wherein the external network is the Internet.

13. (Original) The system of claim 11, further comprising a plurality of internal client machines having a network connection with the configuration system, wherein the network connection bypasses the security system and wherein the configuration system is further configured to process requests for placement information from the plurality of internal client machines.

14. (Currently Amended) A physical device placement system for servicing requests for placement information, comprising:

a machine information database containing machine information for a plurality of uniquely identified computers operated by customers of a computer manufacturer;

a configuration information database containing configuration information specifying placement of a plurality of hardware devices in computer systems

a configuration system in communication with the machine information database and the configuration information database and configured to:

receive a configuration request from an authorized user for placement information of a specified hardware device in a particular computer having

## PATENT

Atty. Dkt. No. ROC820010110US1

representative machine information in the machine information database, wherein at least one type of authorized user is each registered customer of a computer manufacturer operating a computer represented in the machine information database;

generate the placement information by combining the configuration information and the machine information applicable to the specified hardware device and the particular computer; and

respond with the placement information, wherein the placement information comprises hardware installation information pertaining to the installation of the specified hardware device in the particular computer;

a first network connection between the configuration system and the Internet, wherein the configuration system receives the requests for placement information from the Internet;

a security system configured to restrict access to the configuration system to requests for placement information submitted by authorized users from the Internet; and

a second network connection between the configuration system and a plurality of internal client machines, wherein the second network connection bypasses the security system and wherein the configuration system is further configured to process requests for placement information from the plurality of internal client machines.

15. (Original) The system of claim 14, wherein the machine information database contains machine reported information for the plurality of uniquely identified computers.

16. (Original) The system of claim 14, further comprising a purchase order database containing a plurality of purchase orders each containing a machine type descriptor and a serial number.

17. (Original) The system of claim 14, wherein the configuration system comprises:

an internal server configured for establishing a third network connection with an external server, wherein the external server is configured to establish a fourth network

PATENT

Atty. Dkt. No. ROC920010110US1

connection with a plurality of external client machines; and wherein the security system comprises a firewall between the internal server and the external server and is configured to restrict information flow from the internal server and the external server; and

a physical device placement server in communication with the internal server, the configuration information database and the machine information database.

18. (Original) The system of claim 17, wherein the configuration system further comprises an interface server connected to the internal server and the physical device placement server and configured to host a plurality of graphical user interfaces for display only to authorized users.

19. (Currently Amended) A method of servicing requests for physical device placement information, comprising:

receiving machine information from a particular computer, the machine information being particular to the particular computer;

storing the machine information in a machine information database;

receiving, at a physical device placement system, a configuration request from an authorized user for placement information of a specified hardware device in ~~[[a]] the particular computer having representative machine information in a machine information database~~, wherein at least one type of authorized user is each customer of a computer manufacturer operating a computer represented in the machine information database; and

in response to the configuration request:

generating the placement information, wherein generating comprises:

retrieving the machine information specific to the particular computer using a machine type descriptor and a serial number of the particular computer;

retrieving configuration information specifying placement of the specified hardware device in the particular computer; and

PATENT

Atty. Dkt. No. ROC920010110US1

combining at least the retrieved machine information and configuration information; and

responding with the placement information, wherein the placement information comprises hardware installation information pertaining to the installation of the specified hardware device in the particular computer.

20. (Original) The method of claim 19, wherein another type of authorized user comprises one of a sales person and a field engineer of the computer manufacturer.

21. (Original) The method of claim 19, wherein receiving the configuration request comprises receiving the configuration request via the Internet.

22. (Original) The method of claim 19, wherein receiving the configuration request comprises receiving the configuration request from one of an internal client computer and an external client computer.

23. (Cancel) The method of claim 19, wherein generating the placement information comprises retrieving machine information specific to the particular computer and retrieving configuration information specifying placement of the specified hardware device in the particular computer.

24. (Cancel) The method of claim 23, wherein generating the placement information further comprises combining the configuration information and the machine information.

25. (Cancel) The method of claim 23, wherein the machine information is reported by the particular computer.

26. (Currently Amended) The method of claim 19, wherein generating the placement information further comprises:

PATENT

Atty. Dkt. No. ROC920010110US1

retrieving a purchase order comprising [[a]] the machine type descriptor and [[a]] the serial number for the particular computer;

~~retrieving the machine information specific to the particular computer using the machine type descriptor and [[a]] the serial number; and~~

~~combining the machine information and configuration information that specifies placement of the specified hardware device in the particular computer.~~

27. (Original) The method of claim 19, further comprising authenticating the authorized user before generating the placement information.

28. (Previously Presented) A physical device placement system for servicing requests for placement information, comprising:

a machine information database containing machine information for a plurality of uniquely identified computers operated by customers of a computer manufacturer; and

a configuration system in communication with the machine information database and configured to:

receive a configuration request from an authorized user for placement information of a specified hardware device in a particular computer having representative machine information in the machine information database, wherein at least one type of authorized user is each of a plurality of customers of a computer manufacturer operating a computer represented in the machine information database; and

respond with the placement information; and

a configuration information database accessible by the configuration system and containing configuration information specifying placement of a plurality of hardware devices in computer systems, wherein the configuration system is configured to generate the placement information by combining the configuration information and the machine information applicable to the specified hardware device and the particular computer.

PATENT

Atty. Dkt. No. ROC920010110US1

29. (Previously Presented) A method of servicing requests for physical device placement information, comprising:

receiving, at a physical device placement system, a configuration request from an authorized user for placement information of a specified hardware device in a particular computer having representative machine information in a machine information database, wherein at least one type of authorized user is each customer of a computer manufacturer operating a computer represented in the machine information database;

generating the placement information, wherein generating the placement information comprises retrieving machine information specific to the particular computer and retrieving configuration information specifying placement of the specified hardware device in the particular computer; and

responding with the placement information.

30. (Previously Presented) The method of claim 29, wherein generating the placement information further comprises combining the configuration information and the machine information.

31. (Previously Presented) The method of claim 29, wherein the machine information is reported by the particular computer.

32. (Currently Amended) A method of servicing requests for physical device placement information, comprising:

receiving, at a physical device placement system, a configuration request from an authorized user for placement information of a specified hardware device in a particular computer having representative machine information in a machine information database, wherein at least one type of authorized user is each customer of a computer manufacturer operating a computer represented in the machine information database;

generating the placement information, wherein generating the placement information comprises:

retrieving a purchase order comprising a machine type descriptor and a serial number for the particular computer;



## PATENT

Atty. Dkt. No. ROC920010110US1

retrieving the representative machine information specific to the particular computer using the machine type descriptor and [[a]] the serial number; and  
combining the machine information and configuration information that specifies placement of the specified hardware device in the particular computer;  
and  
responding with the placement information.